

## EAST Search History

| Ref # | Hits  | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|--|------------------|---------|------------------|
| L2    | 1     | @ad<"20040123" and ("6886035" "6243737" "20030074378" "20050120353") and (map\$4 and logical and nam\$3 and catalog\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/07 21:15 |
| L3    | 20    | @ad<"20040123" and (map\$4 same logical same nam\$3 same catalog\$3}  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/07 21:02 |
| L4    | 2     | @ad<"20040123" and (map\$4 same logical same nam\$3 same catalog\$3 same index\$3)                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/07 21:02 |
| L5    | 34    | "6886035" "6243737" "20030074378" "20050120353"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/07 21:16 |
| S1    | 1     | 10/763528   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/07 08:47 |
| S2    | 11378 | @ad<"20040123" and (grid and replica\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/02 16:38 |
| S3    | 439   | @ad<"20040123" and (grid and replica\$4 and gui)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/02 16:40 |

## EAST Search History

|     |       |  |  |    |    |                  |
|-----|-------|--|--|----|----|------------------|
| S4  | 58    | @ad<"20040123" and ((grid near3 comput\$3) and replica\$4 and gui)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/02 16:41 |
| S5  | 44379 | Colbeck.in. or Gupta.in. or Xu.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/02 16:43 |
| S6  | 79    | (Colbeck near4 scott).in. or (Gupta near3 vandana).in. or (Xu near3 jian).in.            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/02 16:45 |
| S7  | 2     | (Colbeck near4 scott).in. or (Gupta near3 vandana).in.                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/02 16:45 |
| S8  | 79    | (Colbeck near4 scott).in. or (Gupta near3 vandana).in. or (Xu near3 jian).in.            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/02 16:45 |
| S9  | 9     | ((Colbeck near4 scott).in. or (Gupta near3 vandana).in. or (Xu near3 jian).in.) and grid | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/02 16:46 |
| S10 | 0     | ("2006/0031266").URPN.   | USPAT  | OR | ON | 2007/08/02 16:48 |
| S11 | 0     | ("2005/0165912").URPN.   | USPAT  | OR | ON | 2007/08/02 16:52 |

## EAST Search History

|     |         |   |  |    |    |                  |
|-----|---------|---|--|----|----|------------------|
| S12 | 8       | (replicat\$3 near3 serv\$3) and (brows\$3 or gui or (user near3 interfac\$3)) and (high-level or (high\$2 near3 level)) and (low-level or (low\$2 near3 level)) and (ftp or (fil\$3 near3 transfer\$3)) and grid and edit\$3 and directory and publish\$3 and delet\$3 and search\$3  | USPAT  | OR | ON | 2007/08/02 17:08 |
| S13 | 15      | (replicat\$3 near3 serv\$3) and (brows\$3 or gui or (user near3 interfac\$3)) and (high-level or (high\$2 near3 level)) and (low-level or (low\$2 near3 level)) and (ftp or (fil\$3 near3 transfer\$3)) and grid and edit\$3 and directory and publish\$3 and delet\$3 and search\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/02 17:22 |
| S14 | 2829353 | ("20040098447" "20040031058" "20030229900" "20030191795" "20030154284" "7093004") and @ad<"20040123" and (replicat\$3 near3 serv\$3) or (brows\$3 or gui or (user near3 interfac\$3)) or (high-level or (high\$2 near3 level)) or (low-level or (low\$2 near3 level)) or (ftp or (fil\$3 near3 transfer\$3)) or ((grid or distribut\$3 or parallel) near4 (comput\$3 or process\$3)) or edit\$3 or directory or publish\$3 or delet\$3 or search\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/02 17:37 |
| S15 | 10      | ("20040098447" "20040031058" "20030229900" "20030191795" "20030154284" "7093004") and @ad<"20040123" and ((replicat\$3 near3 serv\$3) or (brows\$3 or gui or (user near3 interfac\$3)) or (high-level or (high\$2 near3 level)) or (low-level or (low\$2 near3 level)) or (ftp or (fil\$3 near3 transfer\$3)) or ((grid or distribut\$3 or parallel) near4 (comput\$3 or process\$3)) or edit\$3 or directory or publish\$3 or delet\$3 or search\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/02 18:05 |

## EAST Search History

|     |       |   |  |    |    |                  |
|-----|-------|---|--|----|----|------------------|
| S16 | 10    | ("20040098447" "20040031058" "20030229900" "20030191795" "20030154284" "7093004") and @ad<"20040123" and ((replicat\$3 near3 serv\$3) or (brows\$3 or gui or (user near3 interfac\$3)) or (high-level or (high\$2 near3 level)) or (low-level or (low\$2 near3 level)) or (ftp or (fil\$3 near3 transfer\$3)) or ((grid or distribut\$3 or parallel or cluster\$3) near4 (comput\$3 or process\$3)) or edit\$3 or directory or publish\$3 or delet\$3 or search\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/02 18:06 |
| S17 | 24808 | @ad<"20040123" and ((gui or (user near3 interfac\$3) or brows\$3 or http) near3 (generat\$3 or module))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 10:51 |
| S18 | 6227  | @ad<"20040123" and ((gui or (user near3 interfac\$3) or brows\$3 or http) near3 (generat\$3 or module)) and ((grid near3 comput\$3) or (distribut\$3 near3 (process\$3 or comput\$3)) or (parallel near3 (process\$3 or comput\$3)))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 10:55 |
| S19 | 1060  | @ad<"20040123" and ((gui or (user near3 interfac\$3) or brows\$3 or http) near3 (generat\$3 or module)) and ((grid near3 comput\$3) or (distribut\$3 near3 (process\$3 or comput\$3)) or (parallel near3 (process\$3 or comput\$3))) and replicat\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 10:56 |
| S20 | 21    | ("20040098447" "7093004" "20050015466" "20040015566" "20010032254" "6886035" "6675205" "6658464" "6594692" "6526439" "6343318" "6128655" "6119155" "20030154284" "20030191795") and @ad<"20040123" and ((web or brows\$3 or http or (user near3 interfac\$3) or wizard or replica\$4) near3 module)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 12:11 |

## EAST Search History

|     |    |   |  |    |    |                  |
|-----|----|---|--|----|----|------------------|
| S21 | 34 | ("20040098447" "7093004"<br>"20050015466" "20040015566"<br>"20010032254" "6886035"<br>"6675205" "6658464" "6594692"<br>"6526439" "6343318" "6128655"<br>"6119155" "20030154284"<br>"20030191795") and<br>@ad<"20040123" and ((web or<br>brows\$3 or http or (user near3<br>interfac\$3) or wizard or replica\$4)<br>near3 (module or plugin or plug-in))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 12:19 |
| S22 | 43 | ("6314108" "7054626" "6625447"<br>"6944632" "6338059"<br>"20040098447" "7246150"<br>"7197534" "7085814" "7047281"<br>"6625644" "6993572" "7093004"<br>"20050015466" "20040015566"<br>"20010032254" "6886035"<br>"6675205" "6658464" "6594692"<br>"6526439" "6343318" "6128655"<br>"6119155" "20030154284"<br>"6993713" "20030191795") and<br>@ad<"20040123" and ((web or<br>brows\$3 or http or (user near3<br>interfac\$3) or wizard or replica\$4)<br>near3 (module or plugin or plug-in))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 12:23 |
| S23 | 6  | ("6314108" "7054626" "6625447"<br>"6944632" "6338059"<br>"20040098447" "7246150"<br>"7197534" "7085814" "7047281"<br>"6625644" "6993572" "7093004"<br>"20050015466" "20040015566"<br>"20010032254" "6886035"<br>"6675205" "6658464" "6594692"<br>"6526439" "6343318" "6128655"<br>"6119155" "20030154284"<br>"6993713" "20030191795") and<br>@ad<"20040123" and (((web or<br>brows\$3 or http or (user near3<br>interfac\$3) or wizard or replica\$4)<br>near3 (module or plugin or plug-in))<br>near3 (invok\$3 or creat\$3 or<br>generat\$3)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 12:32 |

## EAST Search History

|     |      |  |  |    |    |                  |
|-----|------|--|--|----|----|------------------|
| S24 | 1    | ("6314108" "7054626" "6625447"<br>"6944632" "6338059"<br>"20040098447" "7246150"<br>"7197534" "7085814" "7047281"<br>"6625644" "6993572" "7093004"<br>"20050015466" "20040015566"<br>"20010032254" "6886035"<br>"6675205" "6658464" "6594692"<br>"6526439" "6343318" "6128655"<br>"6119155" "20030154284"<br>"6993713" "20030191795") and<br>@ad<"20040123" and (((replica\$4)<br>near3 (manag\$3 or module or<br>plugin or plug-in))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 12:45 |
| S25 | 1829 | @ad<"20040123" and (((replica\$4)<br>near3 (manag\$3 or module or<br>plugin or plug-in)))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 12:52 |
| S26 | 118  | @ad<"20040123" and (((replica\$4)<br>near3 (manag\$3 or module or<br>plugin or plug-in))) and (directory<br>near3 replicat\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 12:53 |

## EAST Search History

|     |      |   |                              |    |    |                  |
|-----|------|---|------------------------------|----|----|------------------|
| S27 | 1637 | ("5485455" "5521910" "5790546"<br>"20020114341" "5491694"<br>"6314108" "7103185" "7054626"<br>"6625447" "6985849"<br>"20040111390" "6651047"<br>"6574617" "20020133491"<br>"7243103" "20050102297"<br>"20040117386" "20020184230"<br>"6944632" "20040172421"<br>"20040111441" "20020198899"<br>"20020143798" "6845383"<br>"20030093440" "20030088589"<br>"7096236" "20040083245"<br>"20030208511" "20020059329"<br>"6654771" "6453326" "6301589"<br>"6785670" "6470332" "6338059"<br>"6343287" "6983277" "5950198"<br>"5713017" "20050021594"<br>"20040098447" "20030154238"<br>"20020147774" "7069295"<br>"7246150" "7197534"<br>"20030177194" "7085814"<br>"7047281" "20020143888"<br>"5944789" "6625644" "6272536"<br>"5919247" "6993572" "7130891"<br>"7093004" "20050015466"<br>"20040015566" "20010032254"<br>"6886035" "6675205" "6658464"<br>"6594692" "6526439" "6343318"<br>"6128655" "6119155"<br>"20050076099" "20030217119"<br>"6356941" "6144999" "5948062"<br>"6785721" "6539425" "5956489"<br>"6742026" "20030187982"<br>"20030154284" "6963914"<br>"6199111" "6854016" "7016976"<br>"20040215878" "20040205294"<br>"6990553" "20050138306"<br>"7155595" "20010056554"<br>"6701453" "6363497" "6408399"<br>"6292905" "6163856"<br>"20030084368" "5974563"<br>"5819020" "6779130" "6993713"<br>"7139973" "6380951" "7219304"<br>"6483524" "6966059"<br>"20030191795" "6412070"<br>"20040117667" "20040117666")<br>and @ad<"20040123" | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/08/03 13:36 |
|-----|------|---|------------------------------|----|----|------------------|

## EAST Search History

|     |   |   |  |    |    |                  |
|-----|---|---|--|----|----|------------------|
| S28 | 8 | ("5485455" "5521910" "5790546"<br>"20020114341" "5491694"<br>"6314108" "7103185" "7054626"<br>"6625447" "6985849"<br>"20040111390" "6651047"<br>"6574617" "20020133491"<br>"7243103" "20050102297"<br>"20040117386" "20020184230"<br>"6944632" "20040172421"<br>"20040111441" "20020198899"<br>"20020143798" "6845383"<br>"20030093440" "20030088589"<br>"7096236" "20040083245"<br>"20030208511" "20020059329"<br>"6654771" "6453326" "6301589"<br>"6785670" "6470332" "6338059"<br>"6343287" "6983277" "5950198"<br>"5713017" "20050021594"<br>"20040098447" "20030154238"<br>"20020147774" "7069295"<br>"7246150" "7197534"<br>"20030177194" "7085814"<br>"7047281" "20020143888"<br>"5944789" "6625644" "6272536"<br>"5919247" "6993572" "7130891"<br>"7093004" "20050015466"<br>"20040015566" "20010032254"<br>"6886035" "6675205" "6658464"<br>"6594692" "6526439" "6343318"<br>"6128655" "6119155"<br>"20050076099" "20030217119"<br>"6356941" "6144999" "5948062"<br>"6785721" "6539425" "5956489"<br>"6742026" "20030187982"<br>"20030154284" "6963914"<br>"6199111" "6854016" "7016976"<br>"20040215878" "20040205294"<br>"6990553" "20050138306"<br>"7155595" "20010056554"<br>"6701453" "6363497" "6408399"<br>"6292905" "6163856"<br>"20030084368" "5974563"<br>"5819020" "6779130" "6993713"<br>"7139973" "6380951" "7219304"<br>"6483524" "6966059"<br>"20030191795" "6412070"<br>"20040117667" "20040117666")<br>and @ad<"20040123" and ((gui or<br>brows\$3 or (user near3 interfac\$3)<br>or ui or wizard) near3 (generat\$3 or<br>creat\$3 or invok\$3 or build\$3)) and<br>(replicat\$3 near3 (module or<br>function\$3 or manag\$3)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 13:52 |
|-----|---|---|--|----|----|------------------|



## EAST Search History

|     |       |  |  |    |    |                  |
|-----|-------|--|--|----|----|------------------|
| S29 | 13532 | ("5485455" "5521910" "5790546"<br>"20020114341" "5491694"<br>"6314108" "7103185" "7054626"<br>"6625447" "6985849"<br>"20040111390" "6651047"<br>"6574617" "20020133491"<br>"7243103" "20050102297"<br>"20040117386" "20020184230"<br>"6944632" "20040172421"<br>"20040111441" "20020198899"<br>"20020143798" "6845383"<br>"20030093440" "20030088589"<br>"7096236" "20040083245"<br>"20030208511" "20020059329"<br>"6654771" "6453326" "6301589"<br>"6785670" "6470332" "6338059"<br>"6343287" "6983277" "5950198"<br>"5713017" "20050021594"<br>"20040098447" "20030154238"<br>"20020147774" "7069295"<br>"7246150" "7197534"<br>"20030177194" "7085814"<br>"7047281" "20020143888"<br>"5944789" "6625644" "6272536"<br>"5919247" "6993572" "7130891"<br>"7093004" "20050015466"<br>"20040015566" "20010032254"<br>"6886035" "6675205" "6658464"<br>"6594692" "6526439" "6343318"<br>"6128655" "6119155"<br>"20050076099" "20030217119"<br>"6356941" "6144999" "5948062"<br>"6785721" "6539425" "5956489"<br>"6742026" "20030187982"<br>"20030154284" "6963914"<br>"6199111" "6854016" "7016976"<br>"20040215878" "20040205294"<br>"6990553" "20050138306"<br>"7155595" "20010056554"<br>"6701453" "6363497" "6408399"<br>"6292905" "6163856"<br>"20030084368" "5974563"<br>"5819020" "6779130" "6993713"<br>"7139973" "6380951" "7219304"<br>"6483524" "6966059"<br>"20030191795" "6412070"<br>"20040117667" "20040117666")<br>and @ad<"20040123" and ((gui or<br>brows\$3 or (user near3 interfac\$3)<br>or ui or wizard) near3 (generat\$3 or<br>creat\$3 or invok\$3 or build\$3)) or<br>(replicat\$3 near3 (module or<br>function\$3 or manag\$3)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 13:53 |
|-----|-------|--|--|----|----|------------------|

## EAST Search History

|     |     |  |  |    |    |                  |
|-----|-----|--|--|----|----|------------------|
| S30 | 291 | ("5485455" "5521910" "5790546"<br>"20020114341" "5491694"<br>"6314108" "7103185" "7054626"<br>"6625447" "6985849"<br>"20040111390" "6651047"<br>"6574617" "20020133491"<br>"7243103" "20050102297"<br>"20040117386" "20020184230"<br>"6944632" "20040172421"<br>"20040111441" "20020198899"<br>"20020143798" "6845383"<br>"20030093440" "20030088589"<br>"7096236" "20040083245"<br>"20030208511" "20020059329"<br>"6654771" "6453326" "6301589"<br>"6785670" "6470332" "6338059"<br>"6343287" "6983277" "5950198"<br>"5713017" "20050021594"<br>"20040098447" "20030154238"<br>"20020147774" "7069295"<br>"7246150" "7197534"<br>"20030177194" "7085814"<br>"7047281" "20020143888"<br>"5944789" "6625644" "6272536"<br>"5919247" "6993572" "7130891"<br>"7093004" "20050015466"<br>"20040015566" "20010032254"<br>"6886035" "6675205" "6658464"<br>"6594692" "6526439" "6343318"<br>"6128655" "6119155"<br>"20050076099" "20030217119"<br>"6356941" "6144999" "5948062"<br>"6785721" "6539425" "5956489"<br>"6742026" "20030187982"<br>"20030154284" "6963914"<br>"6199111" "6854016" "7016976"<br>"20040215878" "20040205294"<br>"6990553" "20050138306"<br>"7155595" "20010056554"<br>"6701453" "6363497" "6408399"<br>"6292905" "6163856"<br>"20030084368" "5974563"<br>"5819020" "6779130" "6993713"<br>"7139973" "6380951" "7219304"<br>"6483524" "6966059"<br>"20030191795" "6412070"<br>"20040117667" "20040117666")<br>and @ad<"20040123" and (((gui or<br>brows\$3 or (user near3 interfac\$3)<br>or ui or wizard) near3 (generat\$3 or<br>creat\$3 or invok\$3 or build\$3)) or<br>(replicat\$3 near3 (module or<br>function\$3 or manag\$3))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 13:59 |
|-----|-----|--|--|----|----|------------------|

## EAST Search History

|     |     |  |  |    |    |                  |
|-----|-----|--|--|----|----|------------------|
| S31 | 154 | ("5485455" "5521910" "5790546"<br>"20020114341" "5491694"<br>"6314108" "7103185" "7054626"<br>"6625447" "6985849"<br>"20040111390" "6651047"<br>"6574617" "20020133491"<br>"7243103" "20050102297"<br>"20040117386" "20020184230"<br>"6944632" "20040172421"<br>"20040111441" "20020198899"<br>"20020143798" "6845383"<br>"20030093440" "20030088589"<br>"7096236" "20040083245"<br>"20030208511" "20020059329"<br>"6654771" "6453326" "6301589"<br>"6785670" "6470332" "6338059"<br>"6343287" "6983277" "5950198"<br>"5713017" "20050021594"<br>"20040098447" "20030154238"<br>"20020147774" "7069295"<br>"7246150" "7197534"<br>"20030177194" "7085814"<br>"7047281" "20020143888"<br>"5944789" "6625644" "6272536"<br>"5919247" "6993572" "7130891"<br>"7093004" "20050015466"<br>"20040015566" "20010032254"<br>"6886035" "6675205" "6658464"<br>"6594692" "6526439" "6343318"<br>"6128655" "6119155"<br>"20050076099" "20030217119"<br>"6356941" "6144999" "5948062"<br>"6785721" "6539425" "5956489"<br>"6742026" "20030187982"<br>"20030154284" "6963914"<br>"6199111" "6854016" "7016976"<br>"20040215878" "20040205294"<br>"6990553" "20050138306"<br>"7155595" "20010056554"<br>"6701453" "6363497" "6408399"<br>"6292905" "6163856"<br>"20030084368" "5974563"<br>"5819020" "6779130" "6993713"<br>"7139973" "6380951" "7219304"<br>"6483524" "6966059"<br>"20030191795" "6412070"<br>"20040117667" "20040117666")<br>and @ad<"20040123" and (((gui or<br>brows\$3 or (user near3 interfac\$3)<br>or ui or wizard) near3 (generat\$3 or<br>creat\$3 or invok\$3 or build\$3)) ) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 14:13 |
|-----|-----|--|--|----|----|------------------|

## EAST Search History

|     |     |   |  |    |    |                  |
|-----|-----|---|--|----|----|------------------|
| S32 | 145 | ("5485455" "5521910" "5790546"<br>"20020114341" "5491694"<br>"6314108" "7103185" "7054626"<br>"6625447" "6985849"<br>"20040111390" "6651047"<br>"6574617" "20020133491"<br>"7243103" "20050102297"<br>"20040117386" "20020184230"<br>"6944632" "20040172421"<br>"20040111441" "20020198899"<br>"20020143798" "6845383"<br>"20030093440" "20030088589"<br>"7096236" "20040083245"<br>"20030208511" "20020059329"<br>"6654771" "6453326" "6301589"<br>"6785670" "6470332" "6338059"<br>"6343287" "6983277" "5950198"<br>"5713017" "20050021594"<br>"20040098447" "20030154238"<br>"20020147774" "7069295"<br>"7246150" "7197534"<br>"20030177194" "7085814"<br>"7047281" "20020143888"<br>"5944789" "6625644" "6272536"<br>"5919247" "6993572" "7130891"<br>"7093004" "20050015466"<br>"20040015566" "20010032254"<br>"6886035" "6675205" "6658464"<br>"6594692" "6526439" "6343318"<br>"6128655" "6119155"<br>"20050076099" "20030217119"<br>"6356941" "6144999" "5948062"<br>"6785721" "6539425" "5956489"<br>"6742026" "20030187982"<br>"20030154284" "6963914"<br>"6199111" "6854016" "7016976"<br>"20040215878" "20040205294"<br>"6990553" "20050138306"<br>"7155595" "20010056554"<br>"6701453" "6363497" "6408399"<br>"6292905" "6163856"<br>"20030084368" "5974563"<br>"5819020" "6779130" "6993713"<br>"7139973" "6380951" "7219304"<br>"6483524" "6966059"<br>"20030191795" "6412070"<br>"20040117667" "20040117666")<br>and @ad<"20040123" and<br>((replicat\$3 near3 (module or<br>function\$3 or manag\$3))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 15:06 |
|-----|-----|---|--|----|----|------------------|

## EAST Search History

|     |     |   |  |    |    |                  |
|-----|-----|---|--|----|----|------------------|
| S33 | 174 | ("5485455" "5521910" "5790546"<br>"20020114341" "5491694"<br>"6314108" "7103185" "7054626"<br>"6625447" "6985849"<br>"20040111390" "6651047"<br>"6574617" "20020133491"<br>"7243103" "20050102297"<br>"20040117386" "20020184230"<br>"6944632" "20040172421"<br>"20040111441" "20020198899"<br>"20020143798" "6845383"<br>"20030093440" "20030088589"<br>"7096236" "20040083245"<br>"20030208511" "20020059329"<br>"6654771" "6453326" "6301589"<br>"6785670" "6470332" "6338059"<br>"6343287" "6983277" "5950198"<br>"5713017" "20050021594"<br>"20040098447" "20030154238"<br>"20020147774" "7069295"<br>"7246150" "7197534"<br>"20030177194" "7085814"<br>"7047281" "20020143888"<br>"5944789" "6625644" "6272536"<br>"5919247" "6993572" "7130891"<br>"7093004" "20050015466"<br>"20040015566" "20010032254"<br>"6886035" "6675205" "6658464"<br>"6594692" "6526439" "6343318"<br>"6128655" "6119155"<br>"20050076099" "20030217119"<br>"6356941" "6144999" "5948062"<br>"6785721" "6539425" "5956489"<br>"6742026" "20030187982"<br>"20030154284" "6963914"<br>"6199111" "6854016" "7016976"<br>"20040215878" "20040205294"<br>"6990553" "20050138306"<br>"7155595" "20010056554"<br>"6701453" "6363497" "6408399"<br>"6292905" "6163856"<br>"20030084368" "5974563"<br>"5819020" "6779130" "6993713"<br>"7139973" "6380951" "7219304"<br>"6483524" "6966059"<br>"20030191795" "6412070"<br>"20040117667" "20040117666")<br>and @ad<"20040123" and (((gui or<br>brows\$3 or (user near3 interfac\$3)<br>or ui or wizard or http) near3<br>(generat\$3 or creat\$3 or invok\$3 or<br>build\$3)) ) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 14:14 |
|-----|-----|---|--|----|----|------------------|

## EAST Search History

|     |     |   |  |    |    |                  |
|-----|-----|---|--|----|----|------------------|
| S34 | 145 | ("5485455" "5521910" "5790546"<br>"20020114341" "5491694"<br>"6314108" "7103185" "7054626"<br>"6625447" "6985849"<br>"20040111390" "6651047"<br>"6574617" "20020133491"<br>"7243103" "20050102297"<br>"20040117386" "20020184230"<br>"6944632" "20040172421"<br>"20040111441" "20020198899"<br>"20020143798" "6845383"<br>"20030093440" "20030088589"<br>"7096236" "20040083245"<br>"20030208511" "20020059329"<br>"6654771" "6453326" "6301589"<br>"6785670" "6470332" "6338059"<br>"6343287" "6983277" "5950198"<br>"5713017" "20050021594"<br>"20040098447" "20030154238"<br>"20020147774" "7069295"<br>"7246150" "7197534"<br>"20030177194" "7085814"<br>"7047281" "20020143888"<br>"5944789" "6625644" "6272536"<br>"5919247" "6993572" "7130891"<br>"7093004" "20050015466"<br>"20040015566" "20010032254"<br>"6886035" "6675205" "6658464"<br>"6594692" "6526439" "6343318"<br>"6128655" "6119155"<br>"20050076099" "20030217119"<br>"6356941" "6144999" "5948062"<br>"6785721" "6539425" "5956489"<br>"6742026" "20030187982"<br>"20030154284" "6963914"<br>"6199111" "6854016" "7016976"<br>"20040215878" "20040205294"<br>"6990553" "20050138306"<br>"7155595" "20010056554"<br>"6701453" "6363497" "6408399"<br>"6292905" "6163856"<br>"20030084368" "5974563"<br>"5819020" "6779130" "6993713"<br>"7139973" "6380951" "7219304"<br>"6483524" "6966059"<br>"20030191795" "6412070"<br>"20040117667" "20040117666")<br>and @ad<"20040123" and<br>(replicat\$3 near3 (module or<br>function\$3 or manag\$3)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 15:08 |
|-----|-----|---|--|----|----|------------------|

## EAST Search History

|     |    |  |  |    |    |                  |
|-----|----|--|--|----|----|------------------|
| S35 | 78 | ("5485455" "5521910" "5790546"<br>"20020114341" "5491694"<br>"6314108" "7103185" "7054626"<br>"6625447" "6985849"<br>"20040111390" "6651047"<br>"6574617" "20020133491"<br>"7243103" "20050102297"<br>"20040117386" "20020184230"<br>"6944632" "20040172421"<br>"20040111441" "20020198899"<br>"20020143798" "6845383"<br>"20030093440" "20030088589"<br>"7096236" "20040083245"<br>"20030208511" "20020059329"<br>"6654771" "6453326" "6301589"<br>"6785670" "6470332" "6338059"<br>"6343287" "6983277" "5950198"<br>"5713017" "20050021594"<br>"20040098447" "20030154238"<br>"20020147774" "7069295"<br>"7246150" "7197534"<br>"20030177194" "7085814"<br>"7047281" "20020143888"<br>"5944789" "6625644" "6272536"<br>"5919247" "6993572" "7130891"<br>"7093004" "20050015466"<br>"20040015566" "20010032254"<br>"6886035" "6675205" "6658464"<br>"6594692" "6526439" "6343318"<br>"6128655" "6119155"<br>"20050076099" "20030217119"<br>"6356941" "6144999" "5948062"<br>"6785721" "6539425" "5956489"<br>"6742026" "20030187982"<br>"20030154284" "6963914"<br>"6199111" "6854016" "7016976"<br>"20040215878" "20040205294"<br>"6990553" "20050138306"<br>"7155595" "20010056554"<br>"6701453" "6363497" "6408399"<br>"6292905" "6163856"<br>"20030084368" "5974563"<br>"5819020" "6779130" "6993713"<br>"7139973" "6380951" "7219304"<br>"6483524" "6966059"<br>"20030191795" "6412070"<br>"20040117667" "20040117666")<br>and @ad<"20040123" and<br>(replicat\$3 near3 (module or<br>function\$3 or manag\$3)) and<br>(directory near4 replicat\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 15:09 |
|-----|----|--|--|----|----|------------------|

## EAST Search History

|     |     |  |                              |    |    |                  |
|-----|-----|--|------------------------------|----|----|------------------|
| S36 | 313 | ("20020114341" "6985849"<br>"6651047" "20020133491"<br>"7243103" "20020143798"<br>"6845383" "20030088589"<br>"7096236" "20040083245"<br>"20020059329" "6453326"<br>"6301589" "6470332"<br>"20050021594" "20030154238"<br>"20020147774" "20030177194"<br>"20020143888" "5944789"<br>"6272536" "5919247" "7130891"<br>"6144999" "5948062" "6539425"<br>"5956489" "6742026"<br>"20030187982" "6963914"<br>"6199111" "6854016" "7016976"<br>"20040215878" "20040205294"<br>"6990553" "20050138306"<br>"7155595" "20010056554"<br>"6701453" "6363497" "6408399"<br>"6292905" "6163856"<br>"20030084368" "5974563"<br>"5819020" "6779130" "7219304"<br>"6412070" "7054890" "6457022"<br>"6014686" "7200847"<br>"20050015466" "6675205"<br>"7054626" "6625447" "6785670"<br>"5884324" "7213068" "7043732"<br>"6944183" "6901272" "6216112"<br>"7110979" "6718339" "6502106"<br>"7225208" "7032000" "6243737"<br>"6134581" "6697839" "6237029"<br>"7174369" "7152097" "7089295"<br>"7103647" "7093005" "7103650"<br>"6845394" "6963910" "6763377"<br>"7233990" "6553416" "7032022"<br>"6170055" "6317845" "6678835"<br>"7194682" "7243306" "6665867"<br>"7140014") and @ad<"20040123"<br>and (((gui or (user near3<br>interfac\$3) or ui or brows\$3 or<br>wizard or window\$3) near3<br>(invok\$3 or creat\$3 or generat\$3 or<br>module or function\$3 or servic\$3))<br>or ((replica\$4) near3 (directory and<br>(manag\$3 or module or function\$3<br>or servic\$3)))) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/08/03 15:56 |
|-----|-----|--|------------------------------|----|----|------------------|



## EAST Search History

|     |     |   |                              |    |    |                  |
|-----|-----|---|------------------------------|----|----|------------------|
| S37 | 309 | ("20020114341" "6985849"<br>"6651047" "20020133491"<br>"7243103" "20020143798"<br>"6845383" "20030088589"<br>"7096236" "20040083245"<br>"20020059329" "6453326"<br>"6301589" "6470332"<br>"20050021594" "20030154238"<br>"20020147774" "20030177194"<br>"20020143888" "5944789"<br>"6272536" "5919247" "7130891"<br>"6144999" "5948062" "6539425"<br>"5956489" "6742026"<br>"20030187982" "6963914"<br>"6199111" "6854016" "7016976"<br>"20040215878" "20040205294"<br>"6990553" "20050138306"<br>"7155595" "20010056554"<br>"6701453" "6363497" "6408399"<br>"6292905" "6163856"<br>"20030084368" "5974563"<br>"5819020" "6779130" "7219304"<br>"6412070" "7054890" "6457022"<br>"6014686" "7200847"<br>"20050015466" "6675205"<br>"7054626" "6625447" "6785670"<br>"5884324" "7213068" "7043732"<br>"6944183" "6901272" "6216112"<br>"7110979" "6718339" "6502106"<br>"7225208" "7032000" "6243737"<br>"6134581" "6697839" "6237029"<br>"7174369" "7152097" "7089295"<br>"7103647" "7093005" "7103650"<br>"6845394" "6963910" "6763377"<br>"7233990" "6553416" "7032022"<br>"6170055" "6317845" "6678835"<br>"7194682" "7243306" "6665867"<br>"7140014") and @ad<"20040123"<br>and (((gui or (user near3<br>interfac\$3) or ui or brows\$3 or<br>wizard or window\$3) near3<br>(invok\$3 or creat\$3 or generat\$3 or<br>module or function\$3 or servic\$3))<br>or ((replica\$4) near3 (directory and<br>(manag\$3 or module or function\$3<br>or servic\$3))) and (grid or parallel<br>or distributed)) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/08/03 16:13 |
|-----|-----|---|------------------------------|----|----|------------------|

## EAST Search History

|     |     |  |                              |    |    |                  |
|-----|-----|--|------------------------------|----|----|------------------|
| S38 | 301 | ("20020114341" "6985849"<br>"6651047" "20020133491"<br>"7243103" "20020143798"<br>"6845383" "20030088589"<br>"7096236" "20040083245"<br>"20020059329" "6453326"<br>"6301589" "6470332"<br>"20050021594" "20030154238"<br>"20020147774" "20030177194"<br>"20020143888" "5944789"<br>"6272536" "5919247" "7130891"<br>"6144999" "5948062" "6539425"<br>"5956489" "6742026"<br>"20030187982" "6963914"<br>"6199111" "6854016" "7016976"<br>"20040215878" "20040205294"<br>"6990553" "20050138306"<br>"7155595" "20010056554"<br>"6701453" "6363497" "6408399"<br>"6292905" "6163856"<br>"20030084368" "5974563"<br>"5819020" "6779130" "7219304"<br>"6412070" "7054890" "6457022"<br>"6014686" "7200847"<br>"20050015466" "6675205"<br>"7054626" "6625447" "6785670"<br>"5884324" "7213068" "7043732"<br>"6944183" "6901272" "6216112"<br>"7110979" "6718339" "6502106"<br>"7225208" "7032000" "6243737"<br>"6134581" "6697839" "6237029"<br>"7174369" "7152097" "7089295"<br>"7103647" "7093005" "7103650"<br>"6845394" "6963910" "6763377"<br>"7233990" "6553416" "7032022"<br>"6170055" "6317845" "6678835"<br>"7194682" "7243306" "6665867"<br>"7140014") and @ad<"20040123"<br>and (((gui or (user near3<br>interfac\$3) or ui or brows\$3 or<br>wizard or window\$3) near3<br>(invok\$3 or creat\$3 or generat\$3 or<br>module or function\$3 or servic\$3))<br>or ((replica\$4) near3 (directory and<br>(manag\$3 or module or function\$3<br>or servic\$3))) and (grid or parallel<br>or distributed) and (publish\$3 or<br>delet\$3 or attribute)) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/08/03 16:25 |
|-----|-----|--|------------------------------|----|----|------------------|

## EAST Search History

|     |     |  |                              |    |    |                  |
|-----|-----|--|------------------------------|----|----|------------------|
| S39 | 268 | ("20020114341" "6985849"<br>"6651047" "20020133491"<br>"7243103" "20020143798"<br>"6845383" "20030088589"<br>"7096236" "20040083245"<br>"20020059329" "6453326"<br>"6301589" "6470332"<br>"20050021594" "20030154238"<br>"20020147774" "20030177194"<br>"20020143888" "5944789"<br>"6272536" "5919247" "7130891"<br>"6144999" "5948062" "6539425"<br>"5956489" "6742026"<br>"20030187982" "6963914"<br>"6199111" "6854016" "7016976"<br>"20040215878" "20040205294"<br>"6990553" "20050138306"<br>"7155595" "20010056554"<br>"6701453" "6363497" "6408399"<br>"6292905" "6163856"<br>"20030084368" "5974563"<br>"5819020" "6779130" "7219304"<br>"6412070" "7054890" "6457022"<br>"6014686" "7200847"<br>"20050015466" "6675205"<br>"7054626" "6625447" "6785670"<br>"5884324" "7213068" "7043732"<br>"6944183" "6901272" "6216112"<br>"7110979" "6718339" "6502106"<br>"7225208" "7032000" "6243737"<br>"6134581" "6697839" "6237029"<br>"7174369" "7152097" "7089295"<br>"7103647" "7093005" "7103650"<br>"6845394" "6963910" "6763377"<br>"7233990" "6553416" "7032022"<br>"6170055" "6317845" "6678835"<br>"7194682" "7243306" "6665867"<br>"7140014") and @ad<"20040123"<br>and (((gui or (user near3<br>interfac\$3) or ui or brows\$3 or<br>wizard or window\$3) near3<br>(invok\$3 or creat\$3 or generat\$3 or<br>module or function\$3 or servic\$3))<br>or ((replica\$4) near3 (directory and<br>(manag\$3 or module or function\$3<br>or servic\$3))) and (grid or parallel<br>or distributed) and (publish\$3 and<br>delet\$3 and attribute)) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/08/03 16:29 |
|-----|-----|--|------------------------------|----|----|------------------|

## EAST Search History

|     |    |  |                              |    |    |                  |
|-----|----|--|------------------------------|----|----|------------------|
| S40 | 48 | ("20020114341" "6985849"<br>"6651047" "20020133491"<br>"7243103" "20020143798"<br>"6845383" "20030088589"<br>"7096236" "20040083245"<br>"20020059329" "6453326"<br>"6301589" "6470332"<br>"20050021594" "20030154238"<br>"20020147774" "20030177194"<br>"20020143888" "5944789"<br>"6272536" "5919247" "7130891"<br>"6144999" "5948062" "6539425"<br>"5956489" "6742026"<br>"20030187982" "6963914"<br>"6199111" "6854016" "7016976"<br>"20040215878" "20040205294"<br>"6990553" "20050138306"<br>"7155595" "20010056554"<br>"6701453" "6363497" "6408399"<br>"6292905" "6163856"<br>"20030084368" "5974563"<br>"5819020" "6779130" "7219304"<br>"6412070" "7054890" "6457022"<br>"6014686" "7200847"<br>"20050015466" "6675205"<br>"7054626" "6625447" "6785670"<br>"5884324" "7213068" "7043732"<br>"6944183" "6901272" "6216112"<br>"7110979" "6718339" "6502106"<br>"7225208" "7032000" "6243737"<br>"6134581" "6697839" "6237029"<br>"7174369" "7152097" "7089295"<br>"7103647" "7093005" "7103650"<br>"6845394" "6963910" "6763377"<br>"7233990" "6553416" "7032022"<br>"6170055" "6317845" "6678835"<br>"7194682" "7243306" "6665867"<br>"7140014") and @ad<"20040123"<br>and (((gui or (user near3<br>interfac\$3) or ui or brows\$3 or<br>wizard or window\$3) near3<br>(invok\$3 or creat\$3 or generat\$3 or<br>module or function\$3 or<br>servic\$3)and (grid or parallel or<br>distributed) and (publish\$3 and<br>delet\$3 and attribute)) or<br>((replica\$4) near3 (directory and<br>(manag\$3 or module or function\$3<br>or servic\$3))) and (grid or parallel<br>or distributed) and (publish\$3 and<br>delet\$3 and attribute)) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/08/03 18:45 |
|-----|----|--|------------------------------|----|----|------------------|

## EAST Search History

|     |   |   |                              |    |    |                  |
|-----|---|---|------------------------------|----|----|------------------|
| S41 | 8 | ("20020114341" "6985849"<br>"6651047" "20020133491"<br>"7243103" "20020143798"<br>"6845383" "20030088589"<br>"7096236" "20040083245"<br>"20020059329" "6453326"<br>"6301589" "6470332"<br>"20050021594" "20030154238"<br>"20020147774" "20030177194"<br>"20020143888" "5944789"<br>"6272536" "5919247" "7130891"<br>"6144999" "5948062" "6539425"<br>"5956489" "6742026"<br>"20030187982" "6963914"<br>"6199111" "6854016" "7016976"<br>"20040215878" "20040205294"<br>"6990553" "20050138306"<br>"7155595" "20010056554"<br>"6701453" "6363497" "6408399"<br>"6292905" "6163856"<br>"20030084368" "5974563"<br>"5819020" "6779130" "7219304"<br>"6412070" "7054890" "6457022"<br>"6014686" "7200847"<br>"20050015466" "6675205"<br>"7054626" "6625447" "6785670"<br>"5884324" "7213068" "7043732"<br>"6944183" "6901272" "6216112"<br>"7110979" "6718339" "6502106"<br>"7225208" "7032000" "6243737"<br>"6134581" "6697839" "6237029"<br>"7174369" "7152097" "7089295"<br>"7103647" "7093005" "7103650"<br>"6845394" "6963910" "6763377"<br>"7233990" "6553416" "7032022"<br>"6170055" "6317845" "6678835"<br>"7194682" "7243306" "6665867"<br>"7140014") and @ad<"20040123"<br>and (replica\$4 near3 (loca\$4 or<br>index\$3 or servic\$3 or catalog)) and<br>(((gui or (user near3 interfac\$3) or<br>ui or brows\$3 or wizard or<br>window\$3) near3 (invok\$3 or<br>creat\$3 or generat\$3 or module or<br>function\$3 or servic\$3)and (grid or<br>parallel or distributed) and<br>(publish\$3 and delet\$3 and<br>attribute)) or ((replica\$4) near3<br>(directory and (manag\$3 or module<br>or function\$3 or servic\$3))) and<br>(grid or parallel or distributed) and<br>(publish\$3 and delet\$3 and<br>attribute)) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/08/03 17:52 |
|-----|---|---|------------------------------|----|----|------------------|

## EAST Search History

|     |   |   |                              |    |    |                  |
|-----|---|---|------------------------------|----|----|------------------|
| S42 | 6 | ("20020114341" "6985849"<br>"6651047" "20020133491"<br>"7243103" "20020143798"<br>"6845383" "20030088589"<br>"7096236" "20040083245"<br>"20020059329" "6453326"<br>"6301589" "6470332"<br>"20050021594" "20030154238"<br>"20020147774" "20030177194"<br>"20020143888" "5944789"<br>"6272536" "5919247" "7130891"<br>"6144999" "5948062" "6539425"<br>"5956489" "6742026"<br>"20030187982" "6963914"<br>"6199111" "6854016" "7016976"<br>"20040215878" "20040205294"<br>"6990553" "20050138306"<br>"7155595" "20010056554"<br>"6701453" "6363497" "6408399"<br>"6292905" "6163856"<br>"20030084368" "5974563"<br>"5819020" "6779130" "7219304"<br>"6412070" "7054890" "6457022"<br>"6014686" "7200847"<br>"20050015466" "6675205"<br>"7054626" "6625447" "6785670"<br>"5884324" "7213068" "7043732"<br>"6944183" "6901272" "6216112"<br>"7110979" "6718339" "6502106"<br>"7225208" "7032000" "6243737"<br>"6134581" "6697839" "6237029"<br>"7174369" "7152097" "7089295"<br>"7103647" "7093005" "7103650"<br>"6845394" "6963910" "6763377"<br>"7233990" "6553416" "7032022"<br>"6170055" "6317845" "6678835"<br>"7194682" "7243306" "6665867"<br>"7140014") and @ad<"20040123"<br>and (replica\$4 near3 (loca\$4 or<br>index\$3 or catalog)) and (((gui or<br>(user near3 interfac\$3) or ui or<br>brows\$3 or wizard or window\$3)<br>near3 (invok\$3 or creat\$3 or<br>generat\$3 or module or function\$3<br>or servic\$3)and (grid or parallel or<br>distributed) and (publish\$3 and<br>delet\$3 and attribute)) or<br>((replica\$4) near3 (directory and<br>(manag\$3 or module or function\$3<br>or servic\$3))) and (grid or parallel<br>or distributed) and (publish\$3 and<br>delet\$3 and attribute)) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/08/03 18:02 |
|-----|---|---|------------------------------|----|----|------------------|

## EAST Search History

|     |   |   |                              |    |    |                  |
|-----|---|---|------------------------------|----|----|------------------|
| S43 | 6 | ("20020114341" "6985849"<br>"6651047" "20020133491"<br>"7243103" "20020143798"<br>"6845383" "20030088589"<br>"7096236" "20040083245"<br>"20020059329" "6453326"<br>"6301589" "6470332"<br>"20050021594" "20030154238"<br>"20020147774" "20030177194"<br>"20020143888" "5944789"<br>"6272536" "5919247" "7130891"<br>"6144999" "5948062" "6539425"<br>"5956489" "6742026"<br>"20030187982" "6963914"<br>"6199111" "6854016" "7016976"<br>"20040215878" "20040205294"<br>"6990553" "20050138306"<br>"7155595" "20010056554"<br>"6701453" "6363497" "6408399"<br>"6292905" "6163856"<br>"20030084368" "5974563"<br>"5819020" "6779130" "7219304"<br>"6412070" "7054890" "6457022"<br>"6014686" "7200847"<br>"20050015466" "6675205"<br>"7054626" "6625447" "6785670"<br>"5884324" "7213068" "7043732"<br>"6944183" "6901272" "6216112"<br>"7110979" "6718339" "6502106"<br>"7225208" "7032000" "6243737"<br>"6134581" "6697839" "6237029"<br>"7174369" "7152097" "7089295"<br>"7103647" "7093005" "7103650"<br>"6845394" "6963910" "6763377"<br>"7233990" "6553416" "7032022"<br>"6170055" "6317845" "6678835"<br>"7194682" "7243306" "6665867"<br>"7140014") and @ad<"20040123"<br>and ((replica\$4 near3 (loca\$4 or<br>index\$3 or catalog)) or (rls or rli or<br>lrc)) and (((gui or (user near3<br>interfac\$3) or ui or brows\$3 or<br>wizard or window\$3) near3<br>(invok\$3 or creat\$3 or generat\$3 or<br>module or function\$3 or<br>servic\$3)and (grid or parallel or<br>distributed) and (publish\$3 and<br>delet\$3 and attribute)) or<br>((replica\$4) near3 (directory and<br>(manag\$3 or module or function\$3<br>or servic\$3))) and (grid or parallel<br>or distributed) and (publish\$3 and<br>delet\$3 and attribute)) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/08/03 18:09 |
|-----|---|---|------------------------------|----|----|------------------|

## EAST Search History

|     |    |  |  |    |    |                  |
|-----|----|--|--|----|----|------------------|
| S44 | 0  | @ad<"20040123" and (replica\$4 near3 loca\$4 near3 (servic\$3 and index\$3)) and (loca\$4 near3 replica\$4 near3 catalog\$3) | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON | 2007/08/03 18:11 |
| S45 | 2  | (replica\$4 near3 loca\$4 near3 (servic\$3 and index\$3)) and (loca\$4 near3 replica\$4 near3 catalog\$3)                    | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON | 2007/08/03 18:14 |
| S46 | 0  | ("2006/0031266").URPN.   | USPAT  | OR | ON | 2007/08/03 18:12 |
| S47 | 0  | ("2005/0165912").URPN.   | USPAT  | OR | ON | 2007/08/03 18:13 |
| S48 | 7  | (replica\$4 near3 loca\$4 near3 (servic\$3 and index\$3)) or (loca\$4 near3 replica\$4 near3 catalog\$3)                     | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON | 2007/08/03 18:15 |
| S49 | 8  | @ad<"20040123" and (replica\$4 near3 loca\$4 near3 (servic\$3 and index\$3)) or (loca\$4 near3 replica\$4 near3 catalog\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 18:15 |
| S50 | 0  | @ad<"20040123" and (replica\$4 near3 loca\$4 near3 (servic\$3 and index\$3))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 18:16 |
| S51 | 80 | @ad<"20040123" and (replica\$4 near3 loca\$4 near3 (servic\$3 or index\$3))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 18:17 |
| S52 | 71 | @ad<"20040123" and (replica\$4 near3 loca\$4 near3 servic\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 18:17 |
| S53 | 9  | @ad<"20040123" and (replica\$4 near3 loca\$4 near3 index\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 18:22 |



## EAST Search History

|     |      |  |  |    |    |                  |
|-----|------|--|--|----|----|------------------|
| S54 | 5    | @ad<"20040123" and (replica\$4 near3 (loca\$4 and index\$3 and catalog)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 18:26 |
| S55 | 1469 | @ad<"20040123" and (replica\$4 near3 (location))                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 18:26 |
| S56 | 34   | @ad<"20040123" and (replica\$4 near3 location near3 service)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 18:35 |
| S57 | 2    | @ad<"20040123" and (replica\$4 near3 location near3 index\$3)            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 18:41 |
| S59 | 0    | @ad<"20040123" and (local near3 replica\$4 near3 catalog)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 18:42 |
| S60 | 4    | (local near3 replica\$4 near3 catalog)                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 18:43 |
| S61 | 0    | ("2005/0289169").URPN.   | USPAT  | OR | ON | 2007/08/03 18:44 |
| S62 | 0    | ("2005/0289414").URPN.   | USPAT  | OR | ON | 2007/08/03 18:44 |

## EAST Search History

|     |   |   |                              |    |    |                  |
|-----|---|---|------------------------------|----|----|------------------|
| S63 | 9 | ("20020114341" "6985849"<br>"6651047" "20020133491"<br>"7243103" "20020143798"<br>"6845383" "20030088589"<br>"7096236" "20040083245"<br>"20020059329" "6453326"<br>"6301589" "6470332"<br>"20050021594" "20030154238"<br>"20020147774" "20030177194"<br>"20020143888" "5944789"<br>"6272536" "5919247" "7130891"<br>"6144999" "5948062" "6539425"<br>"5956489" "6742026"<br>"20030187982" "6963914"<br>"6199111" "6854016" "7016976"<br>"20040215878" "20040205294"<br>"6990553" "20050138306"<br>"7155595" "20010056554"<br>"6701453" "6363497" "6408399"<br>"6292905" "6163856"<br>"20030084368" "5974563"<br>"5819020" "6779130" "7219304"<br>"6412070" "7054890" "6457022"<br>"6014686" "7200847"<br>"20050015466" "6675205"<br>"7054626" "6625447" "6785670"<br>"5884324" "7213068" "7043732"<br>"6944183" "6901272" "6216112"<br>"7110979" "6718339" "6502106"<br>"7225208" "7032000" "6243737"<br>"6134581" "6697839" "6237029"<br>"7174369" "7152097" "7089295"<br>"7103647" "7093005" "7103650"<br>"6845394" "6963910" "6763377"<br>"7233990" "6553416" "7032022"<br>"6170055" "6317845" "6678835"<br>"7194682" "7243306" "6665867"<br>"7140014") and @ad<"20040123"<br>and (((gui or (user near3<br>interfac\$3) or ui or brows\$3 or<br>wizard or window\$3) near3<br>(invok\$3 or creat\$3 or generat\$3 or<br>module or function\$3 or<br>servic\$3)and (grid or parallel or<br>distributed) and (publish\$3 and<br>delet\$3 and attribute)) or<br>((replica\$4) near3 (directory and<br>(manag\$3 or module or function\$3<br>or servic\$3))) and (grid or parallel<br>or distributed) and (publish\$3 and<br>delet\$3 and attribute)) and catalog<br>and index | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/08/03 18:53 |
|-----|---|---|------------------------------|----|----|------------------|

## EAST Search History

|     |    |  |                              |    |    |                  |
|-----|----|--|------------------------------|----|----|------------------|
| S64 | 0  | "20020147774" and @ad<"20040123" and (((gui or (user near3 interfac\$3) or ui or brows\$3 or wizard or window\$3) near3 (invok\$3 or creat\$3 or generat\$3 or module or function\$3 or servic\$3)and (grid or parallel or distributed) and (publish\$3 and delet\$3 and attribute)) and ((replica\$4) near3 (directory and (manag\$3 or module or function\$3 or servic\$3))) and (grid or parallel or distributed) and (publish\$3 and delet\$3 and attribute)) and catalog and index  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/08/03 18:54 |
| S65 | 40 | @ad<"20040123" and (((gui or (user near3 interfac\$3) or ui or brows\$3 or wizard or window\$3) near3 (invok\$3 or creat\$3 or generat\$3 or module or function\$3 or servic\$3)and (grid or parallel or distributed) and (publish\$3 and delet\$3 and attribute)) and ((replica\$4) near3 (directory and (manag\$3 or module or function\$3 or servic\$3))) and (grid or parallel or distributed) and (publish\$3 and delet\$3 and attribute)) and catalog and index  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/08/03 19:11 |
| S66 | 93 | ("20050216555" "20030058277" "20020095454" "7181493" "7149698" "6842906" "6757710" "6742015" "6715145" "6640249" "6640244" "6640238" "6636242" "6615253" "6615199" "6606660" "6601234" "6601192" "6578068" "6571282" "6550057" "6549949" "6539396" "6529948" "6529909" "6502213" "6496850" "6477665" "6477580" "6442748" "6438594" "6434628" "6434568" "6345288" "6339832" "6332163" "6289382" "6088717" "5862325") and @ad<"20040123" and (brows\$3 or window or gui or ui or (user near3 interfac\$3)) and (collaborat\$3 or grid or parallel or distribut\$3) and ((replica\$4) near4 (module or manag\$3 or servic\$3 or index\$3 or catalog\$3 or loca\$4 or directory)) and (publish\$3 or delet\$3 or attribut\$3 or discover\$3) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/08/03 19:18 |

## EAST Search History

|     |      |   |  |    |    |                  |
|-----|------|---|--|----|----|------------------|
| S67 | 23   | "6489975" "6772178" "7043732"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 09:07 |
| S68 | 3949 | @ad<"20040123" and (module near4 (replica\$4 or (gui or (user near3 interfac\$3) or brows\$3))) and ("709"/\$.ccls. or "707"/\$.ccls. or "714"/\$.ccls. or "719"/\$.ccls.)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 10:52 |
| S69 | 3642 | @ad<"20040123" and (module near4 ((gui or (user near3 interfac\$3) or brows\$3))) and ("709"/\$.ccls. or "707"/\$.ccls. or "714"/\$.ccls. or "719"/\$.ccls.)                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 09:46 |
| S70 | 2226 | @ad<"20040123" and (module near3 (gui or (user near3 interfac\$3))) and ("709"/\$.ccls. or "707"/\$.ccls. or "714"/\$.ccls. or "719"/\$.ccls.)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 10:12 |
| S71 | 242  | @ad<"20040123" and ((module near3 (gui or (user near3 interfac\$3))) near3 (invok\$3 or creat\$3 or generat\$3)) and ("709"/\$.ccls. or "707"/\$.ccls. or "714"/\$.ccls. or "719"/\$.ccls.) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 10:33 |
| S72 | 0    | @ad<"20040123" and "7043732" and ((module near3 replica\$4) near3 (invok\$3 or creat\$3 or generat\$3)) and ("709"/\$.ccls. or "707"/\$.ccls. or "714"/\$.ccls. or "719"/\$.ccls.)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 10:36 |
| S73 | 0    | @ad<"20040123" and "7043732" and ((module near3 replica\$4) with (invok\$3 or creat\$3 or generat\$3)) and ("709"/\$.ccls. or "707"/\$.ccls. or "714"/\$.ccls. or "719"/\$.ccls.)           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 10:35 |

## EAST Search History

|     |       |  |  |    |    |                  |
|-----|-------|--|--|----|----|------------------|
| S74 | 0     | @ad<"20040123" and "7043732" and ((module near3 replica\$4) same (invok\$3 or creat\$3 or generat\$3)) and ("709"/\$.ccls. or "707"/\$.ccls. or "714"/\$.ccls. or "719"/\$.ccls.)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 10:35 |
| S75 | 0     | @ad<"20040123" and "7043732" and ((module near3 replica\$4)) and ("709"/\$.ccls. or "707"/\$.ccls. or "714"/\$.ccls. or "719"/\$.ccls.)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 10:35 |
| S76 | 23    | @ad<"20040123" and ((module near3 replica\$4) near3 (invok\$3 or creat\$3 or generat\$3)) and ("709"/\$.ccls. or "707"/\$.ccls. or "714"/\$.ccls. or "719"/\$.ccls.)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 10:44 |
| S77 | 0     | @ad<"20040123" and ((module near3 replica\$4) same ((invok\$3 or creat\$3 or generat\$3) near3 (gui or (user near3 interfac\$3) or window\$3 or brows\$3))) and ("709"/\$.ccls. or "707"/\$.ccls. or "714"/\$.ccls. or "719"/\$.ccls.)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 10:46 |
| S78 | 11364 | @ad<"20040123" and ((module near3 replica\$4) same2 ((invok\$3 or creat\$3 or generat\$3) near3 (gui or (user near3 interfac\$3) or window\$3 or brows\$3))) and ("709"/\$.ccls. or "707"/\$.ccls. or "714"/\$.ccls. or "719"/\$.ccls.)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 10:47 |
| S79 | 704   | @ad<"20040123" and ((module near3 replica\$4) same2 ((invok\$3 or creat\$3 or generat\$3) near3 module near3 (gui or (user near3 interfac\$3) or window\$3 or brows\$3))) and ("709"/\$.ccls. or "707"/\$.ccls. or "714"/\$.ccls. or "719"/\$.ccls.) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 13:42 |
| S80 | 1     | @ad<"20040123" and "7043732" and (module near4 (replica\$4 or gui or (user near3 interfac\$3) or brows\$3))) and ("709"/\$.ccls. or "707"/\$.ccls. or "714"/\$.ccls. or "719"/\$.ccls.)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 12:29 |

## EAST Search History

|     |   |  |  |    |    |                  |
|-----|---|--|--|----|----|------------------|
| S81 | 0 | @ad<"20040123" and "7043732" and (module near4 (replica\$4 and (gui or (user near3 interfac\$3) or brows\$3))) and ("709"/\$.ccls. or "707"/\$.ccls. or "714"/\$.ccls. or "719"/\$.ccls.)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 10:54 |
| S82 | 0 | @ad<"20040123" and "7043732" and (module with (replica\$4 and (gui or (user near3 interfac\$3) or brows\$3))) and ("709"/\$.ccls. or "707"/\$.ccls. or "714"/\$.ccls. or "719"/\$.ccls.)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 10:55 |
| S83 | 0 | @ad<"20040123" and "7043732" and (module with ((gui or (user near3 interfac\$3) or brows\$3))) and ("709"/\$.ccls. or "707"/\$.ccls. or "714"/\$.ccls. or "719"/\$.ccls.) and (module with replica\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 10:56 |
| S84 | 1 | @ad<"20040123" and "7043732" and (module with ((gui or (user near3 interfac\$3) or brows\$3))) and ("709"/\$.ccls. or "707"/\$.ccls. or "714"/\$.ccls. or "719"/\$.ccls.) and (replica\$4)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 11:00 |
| S85 | 1 | @ad<"20040123" and ("7054890" or "7043732") and (directory near4 (replica\$4 or copy\$3))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 12:26 |
| S86 | 0 | @ad<"20040123" and ("7054890" or "7043732") with (directory near4 (replica\$4 or copy\$3))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 12:26 |
| S87 | 1 | @ad<"20040123" and ("7054890" or "7043732") and (directory with (replica\$4 or copy\$3))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 12:27 |

## EAST Search History

|     |      |   |  |    |    |                  |
|-----|------|---|--|----|----|------------------|
| S88 | 1    | @ad<"20040123" and ("7054890" or "7043732") and (directory )  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 12:28 |
| S89 | 1    | @ad<"20040123" and ("7054890" or "7043732") and (directory\$6)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 12:28 |
| S90 | 1482 | @ad<"20040123" and (directory near4 (replica\$4 or copy\$3)) and ("709"/\$.ccls. or "707"/\$.ccls. or "714"/\$.ccls. or "719"/\$.ccls.) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 12:34 |

## EAST Search History

|     |     |   |  |    |    |                  |
|-----|-----|---|--|----|----|------------------|
| S91 | 170 | @ad<"20040123" and ("6886035"<br>"20050021594" "6272536"<br>"5919247" "20050216555"<br>"20030191795" "20030154284"<br>"20020095454" "7181493"<br>"7093004" "6842906" "6757710"<br>"6742015" "6715145" "6640249"<br>"6640244" "6640238" "6615253"<br>"6606660" "6601192" "6578068"<br>"6571282" "6550057" "6549949"<br>"6539396" "6529948" "6529909"<br>"6502213" "6496850" "6477665"<br>"6477580" "6442748" "6438594"<br>"6434628" "6434568" "6345288"<br>"6339832" "6332163" "6289382"<br>"6088717" "5862325" "7054890"<br>"7177867" "6996587" "6772178"<br>"20050015466" "6675205"<br>"6658464" "6594692"<br>"20040083245" "20030187982"<br>"20030177194" "20030154238"<br>"20030088589" "20030084368"<br>"20020147774" "20020143888"<br>"20020143798" "20020133491"<br>"20020059329" "20010056554"<br>"7243103" "7130891" "7096236"<br>"7016976" "6990553" "6963914"<br>"6854016" "6845383" "6779130"<br>"6701453" "6651047" "6539425"<br>"6470332" "6453326" "6412070"<br>"6408399" "6363497" "6301589"<br>"6292905" "6199111" "6163856"<br>"6144999" "5974563" "5956489"<br>"5948062" "5944789" "5819020"<br>"20050102297" "20040172421"<br>"20040117386" "20040111441"<br>"20040111390" "20030208511"<br>"20030093440" "20020198899"<br>"20020184230" "7139973"<br>"7069295" "6983277" "6966059"<br>"6785721" "6654771" "6574617"<br>"6343287" "5950198" "5713017"<br>"7032000" "7200847" "6457022"<br>"6014686") and (directory near4<br>(replica\$4 or copy\$3)) and<br>("709"/\$.ccls. or "707"/\$.ccls. or<br>"714"/\$.ccls. or "719"/\$.ccls.) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 12:52 |
|-----|-----|---|--|----|----|------------------|



## EAST Search History

|     |    |   |  |    |    |                  |
|-----|----|---|--|----|----|------------------|
| S92 | 25 | @ad<"20040123" and ("6886035"<br>"20050021594" "6272536"<br>"5919247" "20050216555"<br>"20030191795" "20030154284"<br>"20020095454" "7181493"<br>"7093004" "6842906" "6757710"<br>"6742015" "6715145" "6640249"<br>"6640244" "6640238" "6615253"<br>"6606660" "6601192" "6578068"<br>"6571282" "6550057" "6549949"<br>"6539396" "6529948" "6529909"<br>"6502213" "6496850" "6477665"<br>"6477580" "6442748" "6438594"<br>"6434628" "6434568" "6345288"<br>"6339832" "6332163" "6289382"<br>"6088717" "5862325" "7054890"<br>"7177867" "6996587" "6772178"<br>"20050015466" "6675205"<br>"6658464" "6594692"<br>"20040083245" "20030187982"<br>"20030177194" "20030154238"<br>"20030088589" "20030084368"<br>"20020147774" "20020143888"<br>"20020143798" "20020133491"<br>"20020059329" "20010056554"<br>"7243103" "7130891" "7096236"<br>"7016976" "6990553" "6963914"<br>"6854016" "6845383" "6779130"<br>"6701453" "6651047" "6539425"<br>"6470332" "6453326" "6412070"<br>"6408399" "6363497" "6301589"<br>"6292905" "6199111" "6163856"<br>"6144999" "5974563" "5956489"<br>"5948062" "5944789" "5819020"<br>"20050102297" "20040172421"<br>"20040117386" "20040111441"<br>"20040111390" "20030208511"<br>"20030093440" "20020198899"<br>"20020184230" "7139973"<br>"7069295" "6983277" "6966059"<br>"6785721" "6654771" "6574617"<br>"6343287" "5950198" "5713017"<br>"7032000" "7200847" "6457022"<br>"6014686") and (directory near4<br>(replica\$4 or copy\$3)) and<br>("709"/\$.ccls. or "707"/\$.ccls. or<br>"714"/\$.ccls. or "719"/\$.ccls.) and<br>(module near4 (replica\$4 or (gui or<br>(user near3 interfac\$3) or<br>brows\$3))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 12:53 |
|-----|----|---|--|----|----|------------------|

## EAST Search History

|     |      |  |  |    |    |                  |
|-----|------|--|--|----|----|------------------|
| S93 | 397  | @ad<"20040123" and ((invok\$3 or creat\$3 or generat\$3) near3 module near3 (gui or (user near3 interfac\$3) or window\$3 or brows\$3)) and ("709"/\$.ccls. or "707"/\$.ccls. or "714"/\$.ccls. or "719"/\$.ccls.)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 14:45 |
| S95 | 3178 | @ad<"20040123" and (replica\$4 with (servic\$3 or loca\$4 or index\$3 or catalog\$3)) and ("709"/\$.ccls. or "707"/\$.ccls. or "714"/\$.ccls. or "719"/\$.ccls.)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 15:07 |
| S96 | 2299 | @ad<"20040123" and (replica\$4 with (loca\$4 or index\$3 or catalog\$3)) and ("709"/\$.ccls. or "707"/\$.ccls. or "714"/\$.ccls. or "719"/\$.ccls.)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 15:43 |
| S97 | 80   | @ad<"20040123" and ("20040205206" "20040015566" "20030154238" "20020198899" "20020147774" "20020143888" "20020143798" "20020133491" "7243103" "7177867" "7139973" "6983277" "6854016" "6845383" "6785721" "6640244" "6640238" "6615253" "6606660" "6601192" "6578068" "6574617" "6571282" "6550057" "6549949" "6539396" "6529948" "6529909" "6502213" "6496850" "6477665" "6477580" "6442748" "6438594" "6434628" "6434568" "6339832" "6332163" "6289382") and (replica\$4 with (loca\$4 or index\$3 or catalog\$3)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 15:54 |
| S98 | 6733 | @ad<"20040123" and (replica\$4 and loca\$4 and index\$3 and catalog\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 15:55 |
| S99 | 792  | @ad<"20040123" and (replica\$4 and loca\$4 and index\$3 and catalog\$3) and ("709"/\$.ccls. or "707"/\$.ccls. or "714"/\$.ccls. or "719"/\$.ccls.)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 16:01 |

## EAST Search History

|          |    |  |  |    |    |                  |
|----------|----|--|--|----|----|------------------|
| S10<br>0 | 15 | @ad<"20040123" and (replica\$4 same (location and index\$3 and catalog\$3)) and ("709"/\$.ccls. or "707"/\$.ccls. or "714"/\$.ccls. or "719"/\$.ccls.) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 16:02 |
| S10<br>1 | 17 | @ad<"20040123" and (replica\$4 same (location and index\$3 and catalog\$3))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 16:55 |
| S10<br>2 | 0  | @ad<"20040123" and (ftp and (grid near3 ftp) and http and rft and file)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 16:58 |
| S10<br>3 | 1  | @ad<"20040123" and (ftp and ((grid near3 ftp) or gridftp) and http and rft and file)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 17:41 |
| S10<br>4 | 3  | @ad<"20040123" and ("6886035" or "6243737") and (file near3 transfer)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 17:44 |
| S10<br>5 | 7  | @ad<"20040123" and ("6886035" or "6243737") and ((file near3 transfer) or ftp)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 18:04 |
| S10<br>6 | 16 | @ad<"20040123" and ("6886035" or "6243737") and (((gui or (user near3 interfac\$3)) with web) or search\$3 or attribut\$3 or publish\$3)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/06 18:05 |

## EAST Search History

|          |        |   |  |    |    |                  |
|----------|--------|---|--|----|----|------------------|
| S10<br>7 | 34     | "6886035" "6243737"<br>"20030074378" "20050120353"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/07 09:36 |
| S10<br>8 | 49     | @ad<"20040123" and (((select\$3<br>or pick\$3 or choos\$3) near5 ((user<br>near3 interfac\$3) or gui or web))<br>and (directory near4 replica\$4) and<br>(loca\$4 near3 servic\$3) and (grid or<br>collaborat\$3))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/07 10:01 |
| S10<br>9 | 44     | @ad<"20040123" and (((select\$3<br>or pick\$3 or choos\$3) near5 ((user<br>near3 interfac\$3) or gui or web))<br>and (directory near4 replica\$4) and<br>(loca\$4 near3 replica\$4) and (grid<br>or collaborat\$3))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/07 10:04 |
| S11<br>0 | 10     | @ad<"20040123" and (((select\$3<br>or pick\$3 or choos\$3) near5 ((user<br>near3 interfac\$3) or gui or web))<br>and (directory near4 replica\$4) and<br>(locat\$3 near3 replica\$4) and (grid<br>or collaborat\$3))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/07 10:16 |
| S11<br>1 | 308772 | @ad<"20040123" and (((select\$3<br>or pick\$3 or choos\$3) near5 ((user<br>near3 interfac\$3) or gui or web)) or<br>(directory near4 replica\$4) or<br>(locat\$3 near3 replica\$4) or (grid or<br>collaborat\$3))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/07 10:17 |
| S11<br>2 | 7      | @ad<"20040123" and ("6886035"<br>"6243737" "20030074378"<br>"20050120353") and (((select\$3 or<br>pick\$3 or choos\$3) near5 ((user<br>near3 interfac\$3) or gui or web)) or<br>(directory near4 replica\$4) or<br>(locat\$3 near3 replica\$4) or (grid or<br>collaborat\$3))                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/07 11:22 |
| S11<br>3 | 4      | @ad<"20040123" and ("6886035"<br>"6243737" "20030074378"<br>"20050120353") and (((select\$3 or<br>pick\$3 or choos\$3) near5 ((user<br>near3 interfac\$3) or gui or web)) or<br>(directory near4 replica\$4) or<br>(locat\$3 near3 replica\$4) or (grid or<br>collaborat\$3)) and (catalog\$3 or<br>index\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/07 12:40 |

## EAST Search History

|          |    |   |  |    |    |                  |
|----------|----|---|--|----|----|------------------|
| S11<br>4 | 0  | @ad<"20040123" and ("6886035"<br>"6243737" "20030074378"<br>"20050120353") and (locat\$3 near3<br>replica\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/07 12:41 |
| S11<br>5 | 1  | @ad<"20040123" and ("6886035"<br>"6243737" "20030074378"<br>"20050120353") and (locat\$3 with<br>replica\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/07 12:42 |
| S11<br>6 | 16 | @ad<"20040123" and ("6886035"<br>"6243737" "20030074378"<br>"20050120353") and (location)                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/07 20:52 |